

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavan Campus, Mijar, Moodbidri - 574225

(Affiliated to Visvesvaraya Technological University, Belagavi)

Approved by AICTE, New Delhi & Recognized by Government of Karnataka)



ALVA'S
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A Report on Activities Under MOU at
Department of Marine Geology,
Mangalore University, Konaje,
Mangalore-574199



INDEX

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1	Department of Marine Geology MoU
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3	Activity Report on ADVANCED SURVEYING USING RS & GIS

2. MOU DETAILS

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

DEPARTMENT OF CIVIL ENGINEERING

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY,
MIJAR, MOOBBIDRI, D.K, KARNATAKA, INDIA**



AND

**GEOINFORMATICS, DEPARTMENT OF MARINE GEOLOGY,
MANGALORE UNIVERSITY, MANGALAGANGOTRI, KARNATAKA,
INDIA**



This Memorandum of Understanding (MOU) is made between Alva's Institute of Engineering and Technology, Mijar, Moodbidri, D.K, Karnataka and Geoinformatics ,Department of Marine Geology and Mangalore University, Mangalagangothri, Karnataka, India. This memorandum of understanding will come into effect on the date of signature and will remain in force until either sides deliver written notification. Either party may terminate this MOU by giving the other party three months written notice, unless or earlier termination is mutually agreed upon. Each party recognizes that the other party has, may have, or will have arrangements of a similar or different nature with other institutions.

The term of co-operation for activities such as Students Project Works, Collaboration in Government Projects, Setting up of Remote Sensing and GIS Laboratories, mutual exchange of technical inputs, contemplated under this MOU shall be mutually discussed and upon in writing by both parties to the initiation of that activity. Any such activities agreed upon will be recorded and governed by a separate document executed by both parties. Activities to be organized under this agreement will be the responsibility of the Heads of either institutions or persons designated by them. National regulations and customs shall be mutually respected.

This MOU imposes no financial obligations on either parties. Both parties understand that all financial arrangements will have to be negotiated.

The terms and exploitation of intellectual property, inventions will be negotiated on a project-by-project basis in the specific project agreements and programs of co-operation.

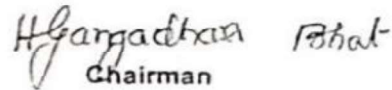
Nothing in this MOU shall be constructed as a license or transfer or on obligation to enter into any further agreement with respect to an intellectual property currently licensed to or belonging to either party. An intellectual property held by party prior to entering into this MOU or disclosed or introduced in connection with this MOU and all materials in which such intellectual property is held, disclosed or introduced shall remain the property of the party introducing or disclosing it.

This MoU will become effective from the date of the last signature here to and will remain in force for a period of five (5) years with a possibility for renewal at the end of the five year period subject to the Participants written agreement. Either Participant may terminate this MoU by giving six (6) months advance notice in writing to the other Participant.

Each party shall not make any public announcement or statement or publish or release any information in relation to any activity or proposed collaboration without the prior written approval of both parties.

Head of the Department


Principal


Chairman

Department of Civil Engineering

AJET, Mijar
PRINCIPAL

Geoinformatics, Department of Marine Geology

AJET, Moodbidri

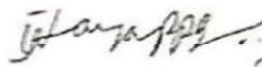
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, U.K.

Department of Marine Geology
Mangalore University,
MANGALAGANGOTRI - 574 199

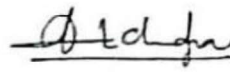
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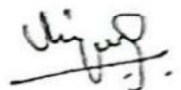
Dept. of Civil Engineering

Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225


23/8/2019
Prof. K. S. Jayappa
Dept. of Marine Geology

Dr. K. S. Jayappa
Professor of Marine Geology
Mangalore University
Mangalagangothri - 574 199


23.8.19
Dr. H. S. Unnikrishna
Associate Professor
Dept. of Civil Engineering
AIET-Moodbidri


(Prof. Shivanna)
Dr. SHIVANNA, M.Sc., Ph.D.
Professor
Department of Marine Geology
Mangalore University
Mangalagangothri - 574 199
Karnataka, India.





ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodabidri, Mangalore Taluk, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING



MoU signed on 23.08.2019 between Marine Geology Department, Mangalore University and Department of Civil Engineering AIET Moodbidri



3. Future Plans:

Academic works to be done in collaboration with Department of Marine Geology, Mangalore University:

- Certificate course in Geo- Informatics
- Internship
- Workshop
- Conference
- Industrial Visit
- Project works
- Faculty Development Program

4. Correspondence letters

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
MANGALORE UNIVERSITY
(Accredited by NAAC with 'A' Grade)

ದೂರವಾರ್ತೆ/Phone : 0824-2287276
ಫ್ಯಾಕ್ಸ್/Fax : 0824-2287424
ಇ-ಮೇಲ್/E-mail : registrar@mangaloreuniversity.ac.in
registrar@mangaloreuniversity@gmail.com
ವೆಬ್‌ಸೈಟ್/Website : www.mangaloreuniversity.ac.in

ಕ್ರಮಾಂಕ / No.

ಮವಿ/ಡಿಇವಿ/ಒಡಂಬಡಿಕೆ/01/2018-19/ಡಿ7

ಕುಲಸಚಿವರ ಕಛೇರಿ
ಮಂಗಳಗಂಗೋತ್ರಿ - 574 199
ಕರ್ನಾಟಕ, ಇಂಡಿಯಾ
Office of the Registrar
Mangalagangothri - 574 199
Karnataka, India

ದಿನಾಂಕ / Date :

26.05.2018.

ಗೆ ✓

ಪ್ರಾಂಶುಪಾಲರು,
Alvas Institute of Engineering & Technology
Mijar,
ಮೂಡಬಿದಿರೆ.

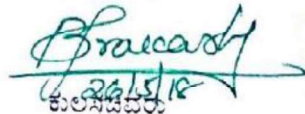
ಮಾನ್ಯರೇ,

ವಿಷಯ: Alvas Institute of Engineering & Technology
ಇವರೊಂದಿಗೆ ಒಡಂಬಡಿಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ತಮ್ಮ ಕಚೇರಿ ಪತ್ರ ದಿನಾಂಕ 17.04.2018.

ಮೇಲಿನ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಉಲ್ಲೇಖವಿಲ್ಲದ ತಮ್ಮ ಪತ್ರದಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ತಮ್ಮ ಸಂಸ್ಥೆಯೊಂದಿಗೆ ಶೈಕ್ಷಣಿಕ ಮತ್ತು ಸಂಶೋಧನಾ ಚಟುವಟಿಕೆಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಒಡಂಬಡಿಕೆಯ ಕರಡಿನೊಂದಿಗೆ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಕಳುಹಿಸುವಂತೆ ಈ ಮೂಲಕ ತಿಳಿಸಲಾಗಿದೆ.

ತಮ್ಮ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ,


ಕುಲಸಚಿವರು
1



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi & Recognised by Government of Karnataka)

Shobhavana Campus, Mijar, Moodbidri - 574 225, Mangalore, D K , Karnataka State

Phone : 08258-262724 (O), 262725 (P), Telefax 08258-262726

Email : principalaiet08@gmail.com, Web www.aiet.org.in

To,

Date: 17/04/2018

The Registrar,

Mangalore University

Mangalore-574 199

Dear Sir,

Sub: Request for the Memorandum of Understanding (MOU) on Academic and Research collaboration with your esteemed University – Reg.

Alva's Education Foundation (AEF) is a multifaceted organization established by Dr. M. Mohan Alva in the year 1995 and now considered as the crown of Moodbidri. It has 20 educational institutions with more than 25,000 students. It has primary to Post Graduate courses in General Education, Para Medical Courses, Engineering, Management, Alternative Medicine, Nursing and Ayurveda streams encompassing students from all over India and abroad.

Alva's Institute of Engineering & Technology (AIET) is a premier *Engineering Institute* of Alva's Education Foundation established in the year 2008. AIET is strategically located adjacent to Moodbidri-Mangalore National Highway, which is 30Kms from Mangalore Railway station.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in South Canara region.

Currently, Institute offers 5 under graduate and 4 post-graduate programs. Institution also offers several research programs leading to doctoral (P.H.D) studies.



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi & Recognised by Government of Karnataka)

Shobhavana Campus, Mijar, Moodbidri - 574 225, Mangalore, D.K., Karnataka State.

Phone : 08258-262724 (O), 262725 (P), Telefax 08258-262726

Email : principalalet08@gmail.com, Web www.alet.org.in

National and state conferences, national and state level workshops are held at AIET on regular basis on different themes in different streams of engineering. More than 80 guest lecturers conducted every year spanning from current topics in each engineering field to specialized topics from experts.

As per the VTU curriculum, it is mandatory for engineering students (U.G and P.G) to undergo internship course at reputed R & D centers and firms.

In this regard, AIET is requesting for Memorandum of Understanding (MOU) on Academic and Research collaboration activities between AIET and Mangalore University. As per the MOU the students and faculty members of our institute will interact with expertise resources of your esteemed University in relevant area of interest.

Hence, kindly help us, what are the steps to be followed to collaborate with your esteemed University.

Dr. Peter Fernandes

Principal
PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K.

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Activity Report

on

HANDS-ON SESSION ON

RS & GIS

Date: 05/09/2019

CIRCULAR

HANDS ON SESSION ON RS & GIS

The Department of Civil Engineering, ALET in association with Department of Marine, Mangalore University is organizing a Hands-on session on RS & GIS by Dr. H. Gangadhar Bhat Professor, Department of Marine Geology, Mangalore University, Konaje on 12/09/2019. All the Third Year Civil Engineering students are informed to attend the session.

Time: 09:30 AM

Venue: CAD Lab, Dept. of Civil Engg.

Copy to:

HOD CV

Dept. Notice Board



HOD
H.O.D.
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

5th semester students attendance list- RS & GIS (12/9/2019)

Sl. No.	USN	NAME OF THE STUDENT
01	4AL16CV081	SANJAY M M
02	4AL15CV052	MANIKANTA P
03	4AL16CV112	SHRESHTA
04	4AL17CV004	ARESHWARREDDY
05	4AL17CV005	ASHWINI P CHANDRAPATTAN
06	4AL17CV006	ASHWINI S C
07	4AL17CV007	ASPAR A K
08	4AL17CV009	BHAGYASHREE
09	4AL17CV010	BHAGYASHREE A K
10	4AL17CV011	BHANDARY DARSHAN SATISH
11	4AL17CV013	BHUVAN J SHETTY
12	4AL17CV019	GOKULKRISHNA
13	4AL17CV020	HITESH P
14	4AL17CV022	KANNIKA M N
15	4AL17CV023	KARTHIK KAPSE
16	4AL17CV025	KAVYA S S
17	4AL17CV033	MALAKANNA SHARANAPPA KUDARI
18	4AL17CV034	MANOJ G
19	4AL17CV036	MITHULESH J M
20	4AL17CV037	MITHUN GOWDA B
21	4AL17CV038	MOHAMED REHAN
22	4AL17CV044	NIDHI S

23	4AL17CV049	PAVAN M
24	4AL17CV051	PRADEEP CHANDRASHEKHAR TEGGI
25	4AL17CV061	SAGAR K J
26	4AL17CV063	SHARANABASAPPA PATIL
27	4AL17CV064	SHASHANK SIRSIKAR
28	4AL17CV066	SHRIHARSHA S TADDEWADI
29	4AL17CV067	SHWETHASHREE
30	4AL17CV068	SOMORJIT
31	4AL17CV069	SONIYA G S
32	4AL17CV071	SRAJAN DAS
33	4AL17CV072	SRINIVASA R
34	4AL17CV073	SUPRIYA S
35	4AL17CV074	SUSHMITHA
36	4AL17CV075	TASMIYA ANJUM
37	4AL17CV077	VAIBHAVA S
38	4AL17CV078	VEDASHREE G
39	4AL17CV084	VISHAL S
40	4AL17CV085	VISHWAS K SOMASHEKARAIHAH
41	4AL18CV405	PRABHAVATHI KUMBAR
42	4AL18CV406	PRAJWAL G
43	4AL18CV408	SHRAVYA

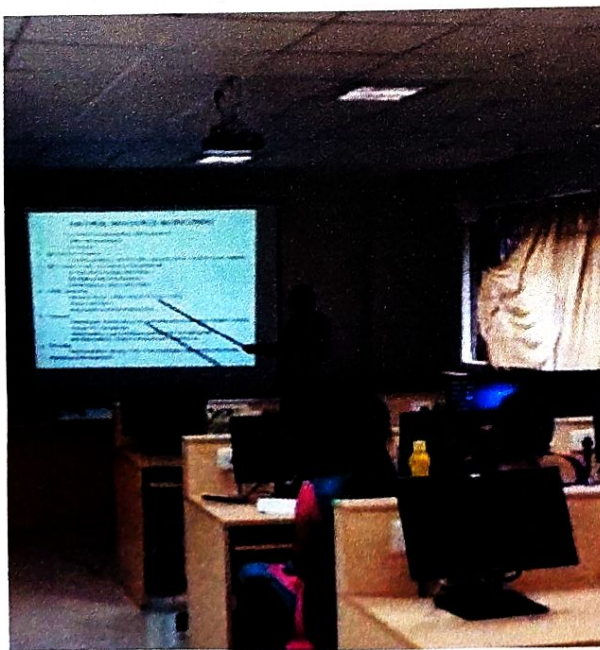
(Signature)
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Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

HANDS-ON SESSION TO PRE FINAL YEAR STUDENTS

A hands-on session on RS & GIS was conducted for pre final year students on 12th September 2019 in CAD lab, Dept. Civil Engineering, AIET, Moodbidri. The resource person, Dr. H. Gangadhar Bhat Professor, Department of Marine Geology, Mangalore University, Konaje, has delivered a talk on Land use and land cover using remote sensing and GIS techniques. He has given the detailed account of basics of remote sensing and GIS by explaining some case studies of Dakshina-Kannada region.



Session by Dr. H. Gangadhar Bhat on RS & GIS



Session by Dr. H. Gangadhar Bhat on RS & GIS


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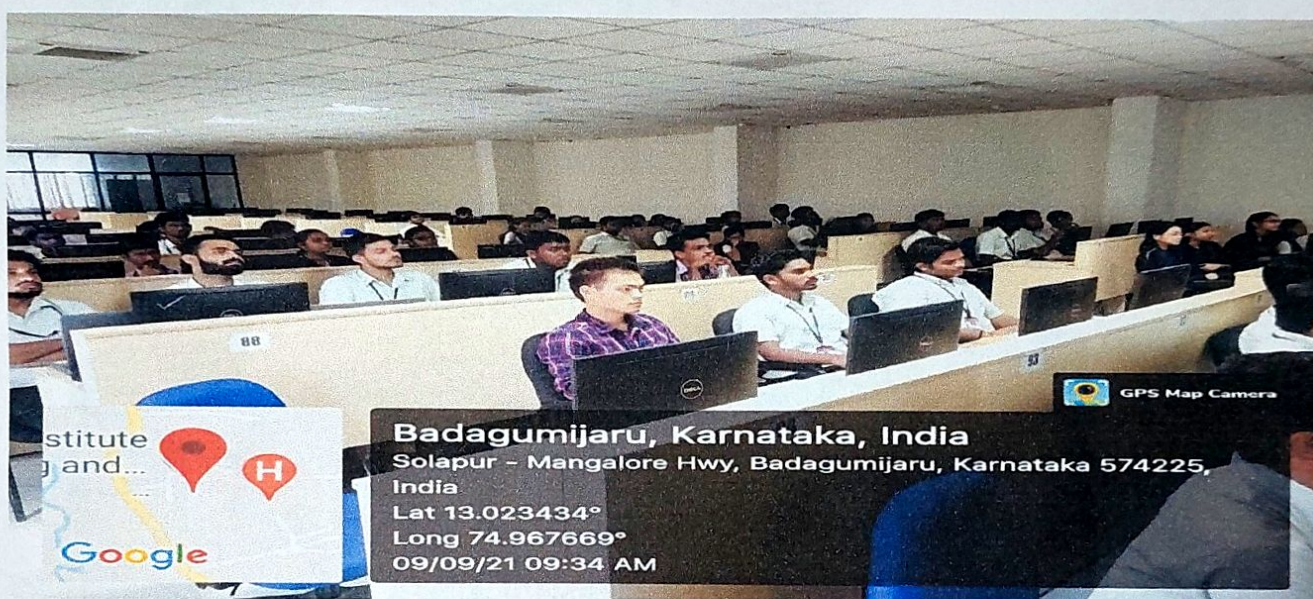
Activity Report

on

ADVANCED SURVEYING

USING RS & GIS

	Date	Student Attended	Topic
	09 September 2021	60	Advanced Surveying using RS&GIS
Time	Session by	Time	Session by
9 to 1 pm	Mr. Shivaprasad	2 to 5 pm	Mr. Shivaprasad



Participants in the lecture room during the Workshop

Remote Sensing (RS) and Geographic Information Systems (GIS) often work hand-in-hand in mapping, analyzing, and disseminating spatial information. As a science of obtaining information from a distance, RS extracts spatially-explicit attributes about the Earth's land and water surfaces using images acquired from aircraft or satellites. Such attributes can then be stored, managed, analyzed, and displayed in a GIS, in conjunction with auxiliary GIS data representing landscape features.

In this view a special training programme is arranged for our students of final year batch to give more hands on session on this special topic by Mr. Shiva Prasad from Mangalore University. Students learnt the special features to solve some real time problems with the help of applications.

During the one day training, participants were taken through concepts and application of Geographic Information System and Remote Sensing. The course contents are listed below.



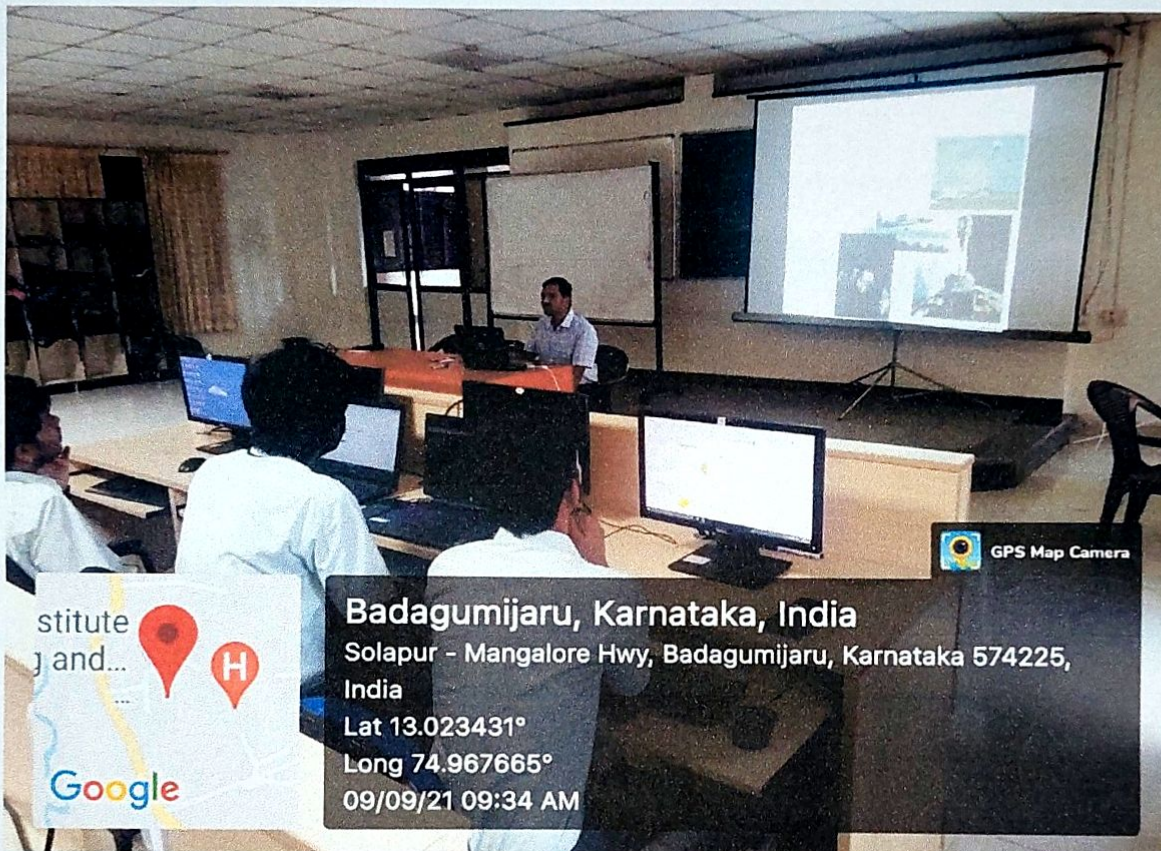
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- Introduction to GIS/RS concepts
- Introduction to data capture using GPS
- Introduction to RS using Erdas Imagine for basic image processing
- Attribute data entry/linkage to spatial data/data analysis



Participants Comments on the training:

Students said the training programme was educative, resourceful; they have gained much understanding of GIS/RS. They can now capture, manipulate and display data. However, they were of the view that they should have been taught how to create shape files in ARCGIS. Therefore they would appreciate it if advanced training is organized.



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DEPARTMENT OF CIVIL ENGINEERING

Recommendation

- The introductory course should be for at least weeks instead of one day.
- An advance course in GIS and RS should be organized as a follow-up to the introductory course.
- There should be a follow-up to verify if participants are using the GIS and RS tools.


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